

MSG 224 - BLUE FD16 MISSION SUMMARY

Good morning Willie, Dave and Mike! It's (almost!) all downhill from here. We're also about out of wakeup music, so you're going to have to come home soon! Willie, we wanted to let you know that we appreciated your words and perspective of the world following your wakeup song yesterday. Too bad the whole world can't look over the shoulders of you and your crew and see what you see! You'll notice a lot of closeout activities in your timeline today as the science ops begin to wind down. Near the end of your shift you'll be doing rad stow, have a deorbit brief, execute FCS Checkout and begin cabin stow. Willie, you'll be going to bed on time at the end of this shift, but you get to sleep in an extra two hours before getting up for a long day before landing.

FREESTAR payloads continue to shine. By the end of FD16, we anticipate that all experiments will have met well in excess of their requirements and expectations ... as far as nature has allowed that is. Although the atmospheric conditions did not favor us with a plethora of dust, your diligence and the efforts of the flight planners at JSC ensured we got every speck out there. And the Sprite and Brazil ops for MEIDEX have captured more science than we ever dreamed of! Just a few more ops to go and we'll be ready to welcome you all home. Please accept a hearty thanks from the entire FREESTAR team!

The MSTRS team would like to express their enthusiastic appreciation for the tireless support from the STS-107 crewmembers in helping make the MSTRS experiment a great success. If it were not for your efforts, including installing the MRK fan, performing additional Orbiter maneuvers, and having a positive "Can Do" attitude, they would have had an arduous experiment experience.

Even though the SPACEHAB CIC's are making plenty of calls to you, below is a top ten list of "dream calls" that probably won't be heard during this flight:

10. The Sleep PI has requested that you sleep in tomorrow night to obtain enhanced science.
9. The Red Cross says they have achieved their quota for the month, so no more blood draws are required.
8. You have a "go" to release the STARS bee into Astroculture to begin the pollination portion of the experiment.
7. We've stowed some T-bones for you to cook up in the CM-2 chamber when you get a chance.
6. CM-2 is mystified by Mist.
5. We have completed 150% of all science objectives so you can take the rest of the flight off!
4. You have a "go" to remove the Dove bars from EOR/F – enjoy!
3. We've just been notified that Domino's Pizza delivers to orbit, so you can configure PDIP for Pepperoni.
2. Pool party in Lake Butler!
1. We copy, everything is "Okey-dokey"!

<u>SYSTEM</u>	<u>FAILURE</u>	<u>IMPACT</u>	<u>WORK AROUND</u>
GNC	FWD DAP PBI contact 'A' has been failed out by RM. Possibly due to a switch tease.	Loss of Redundancy only. Next worst failure will no-op the Auto PBI in the FWD Panel. Note: The Aft panel is not available in Trans DAP.	None.